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Notice of Allowability

Application No.

10/798,937

Examiner

HUNG Q. PHAM

Applicant(s)

ALLEN ET AL.

Art Unit

2168

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 11/20/07.
2. ☒ The allowed claim(s) is/are 1,2,6-9,13-16 and 20-23.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 5. ☒ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☒ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☒ Interview Summary (PTO-413), Paper No./Mail Date 20080126.
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

H. Q. Pham
Primary Examiner
Hung Pham
AU 2168

EXAMINER'S AMENDMENT

Drawings

The informal drawings are not of sufficient quality. Accordingly, replacement drawing sheets in compliance with 37 CFR 1.121(d) are required. The replacement sheet(s) should be labeled "Replacement Sheet" in the page header (as per 37 CFR 1.84(c)) so as not to obstruct any portion of the drawing figures.

Examiner's Amendment

- An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with applicant's representative, WAYNE P. BAILEY, on 01/24/2008.

- Please AMEND the claims in the CLAIMS APPENDIX of the Appeal Brief filed on 11/20/2007 as in the following manner:

1. (Currently Amended) A method of delivering a webpage comprising:
 - receiving a hierarchical data set of interests identified by a user;
 - storing the hierarchical data set of interests in a database entry associated with the user;
 - parsing the stored hierarchical data set;
 - extracting one or more keyword attribute values from the stored hierarchical data set in response to the parsing of the data set and a pre-selected granularity value;

applying extracted one or more keyword attribute values to filter content for delivery to the user;

pre-populating a Web content search form page using extracted one or more keyword attribute values;

returning the Web content search form page to the user;

receiving the Web content search form page from the user, wherein the received Web content search form page includes one or more pre-populated data, one or more additional user-supplied search terms and at least one Boolean search indicator for determining the combination of search terms for performing a search;
and

delivering at least one a webpage that is personalized for the user according to the identified interests and the search.

2. (Previously Presented) The method of claim 1 wherein the hierarchical data set comprises an XML document.

3. (Canceled)

4. (Canceled)

5. (Canceled)

6. (Previously Presented) The method of claim 1 wherein, if no keyword attribute is associated with an interest, using a value attribute of the interest as a default keyword.

7. (Previously Presented) The method of claim 1 wherein the pre-selected granularity value corresponds to a root-to-leaf level in the hierarchical data set of identified interests.

8. (Currently Amended) A computer program product embodied in a machine-readable medium for delivering a webpage, the computer program produce comprising programming instructions for:

receiving a hierarchical data set of interests identified by a user;

storing the hierarchical data set of interests in a database entry associated with the user;

parsing the stored hierarchical data set;

extracting one or more keyword attribute values from the stored hierarchical data set in response to the parsing ~~of the data set~~ and a pre-selected granularity value;

applying extracted one or more keyword attribute values to filter content for delivery to a the user;

pre-populating a Web content search form page using extracted one or more keyword attribute values;

returning the Web content search form page to the user;

receiving the Web content search form page from the user, wherein the received Web content search form page includes one or more pre-populated data, one or more additional user-supplied search terms and at lease one Boolean search indicator for determining the combination of search terms for performing a search;
and

delivering at least one a webpage that is personalized for the user according to the identified interests and the search.

9. (Previously Presented) The computer program product of claim 8 wherein the hierarchical data set comprises an XML document.

10. (Canceled)

11. (Canceled)

12. (Canceled)

13. (Previously Presented) The computer program product of claim 8 wherein, if no keyword attribute is associated with an interest, using a value attribute of the interest as a default keyword.

14. (Previously Presented) The computer program product of claim 8 wherein the granularity value corresponds to a root-to-leaf level in the hierarchical data set of identified interests.

15. (Currently Amended) A data processing system for delivering a webpage comprising:

a processor;

an application program recorded in a computer storage medium and executed by the processor for:

~~circuitry operable for~~ receiving a hierarchical data set of interests identified by a user;

~~circuitry operable for~~ storing the hierarchical data set of interests in a database entry associated with the user;

~~circuitry operable for~~ parsing the stored hierarchical data set;

~~circuitry operable for~~ extracting one or more keyword attribute values from the stored hierarchical data set in response to the parsing of the data set and a pre-selected granularity value;

~~circuitry operable for~~ applying extracted one or more keyword attribute values to filter content for delivery to the user;

pre-populating a Web content search form page using extracted one or more keyword attribute values;

returning the Web content search form page to the user;

receiving the Web content search form page from the user, wherein the received Web content search form page includes one or more pre-populated data, one or more additional user-supplied search terms and at least one Boolean search

indicator for determining the combination of search terms for performing a search;
and

~~circuitry operable for~~ delivering at least one a webpage that is personalized
for the user according to the identified interests and the search.

16. (Previously Presented) The data processing system of claim 15 wherein the hierarchical data set comprises an XML document.

17. (Canceled)

18. (Canceled)

19. (Canceled)

20. (Previously Presented) The data processing system of claim 15 wherein, if no keyword attribute is associated with an interest, using a value attribute of the interest as a default keyword.

21. (Previously Presented) The method of claim 1, wherein the webpage is a portal page associated with the user and provided by a portal.

22. (Previously Presented) The computer program product of claim 8 wherein the webpage is a portal page associated with the user and provided by a portal.

23. (Previously Presented) The data processing system of claim 15, wherein the webpage is a portal page associated with the user and provided by a portal.

REASONS FOR ALLOWANCE

- The following is an examiner's statement of reasons for allowance:

Prior arts of record do not render obvious, nor anticipate the combination of claimed elements including the technique of *pre-populating a Web content search form page using extracted one or more keyword attribute values; returning the Web content search form page to the user; receiving the Web content search form page from the user, wherein the received Web content search form page includes one or more pre-populated data, one or more additional user-supplied search terms and at least one Boolean search indicator for determining the combination of search terms for performing a search; and delivering at least one webpage that is personalized for the user according to the identified interests and the search* as recited in claims 1, 8 and 15. Thus, claims 1, 8 and 15 are allowed. Dependent claims 2, 6, 7, 9, 13, 14, 16, 20-23 are allowed at least by virtue of their dependencies from claim 20 and 35.

- Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

- Any inquiry concerning this communication or earlier communications from the examiner should be directed to HUNG Q. PHAM whose telephone number is 571-272-4040. The examiner can normally be reached on Monday-Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, TIM T. VO can be reached on 571-272-3642. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.



HUNG Q PHAM
Primary Examiner
Art Unit 2168

January 25, 2008